

REMARKS

Reconsideration and withdrawal of all grounds of rejection in the Office Action are respectfully requested. Claims 1-14 remain pending in this application.

Summary of the Rejections:

(1) Claims 1-14 stand rejected under 35 U.S.C. §102(e) as being anticipated by Lupien (U.S. 5,857,153).

Applicants' Traversal:

It is respectfully requested that none of the present claims are either anticipated by Lupien, nor would have any of the present claims been obvious to an artisan in view of Lupien.

35 U.S.C. §102(e):

First, in order for a reference to anticipate, the reference must contain all of the claimed features of the application that it is cited against. However, it is respectfully submitted that the present invention is distinguishable over Lupien.

Although the Fig. 12A and column 20 of Lupien was cited in the Office Action, Applicants respectfully refer to Fig. 13. One can see that Fig. 13 shows the QUALDIR profile being sent in a separate, additional message.

Figs. 12A-12D are signal diagrams illustrating service activation and de-activation of terminating calls for asynchronous data and fax services. Referring first to Fig. 12A, messages involved in the activation of a terminating call for asynchronous data services are

illustrated. Upon the reception of a feature code call in the V-MSC 170 from the subscriber, the V-MSC 170 sends a Remote Feature Control Request Invoke Message 171 to HLR 172 with the appropriate information (MIN, Service Code, Activation Status) to update the subscriber's status. The HLR 172 updates the status accordingly. The HLR updates the Control request message 173 to MSC 170 at column 20, lines 46-57.

In contrast, in the present invention the ASP of an originating MSC requests an HLR to change the additional service information of a subscriber. The HLR updates the additional service information and transmits the update result to the ASP. Then, the ASP receives the updated information from the HLR and in turn requests the VLR to obtain the updated information of the subscriber. The VLR updates to the newly changed additional service information of the subscriber and transmits the update completion message to the ASP.

In addition, the presently claimed invention is distinguishable from Lupien in that in the present invention the HLR transmits a FEATREQ Response message including QUALCODE, which is the updated profile information of a subscriber, and thereby the process for activation/deactivation of the additional service can be reduced.

For example, Fig. 3 of the presently claimed invention shows the QUALDIR profile being sent as part of the FEATREQ Response (A.K.A. FEATREQ Return) message. Thus, Applicants respectfully submit that Lupien shows nothing more than the conventional message transmission, and Lupien fails to disclose or suggest the more efficient method of the present invention, which eliminates the additional steps shown in Fig. 13 of Lupien.

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Applicants respectfully submit the presently claimed invention provides an advantage over Lupien as there is a reduced need to send additional messages.

Accordingly, it is respectfully submitted that for at least the above reasons, none of the instant claims are anticipated by, nor would they have been obvious in view of, Lupien.

Conclusion:

Accordingly, Applicants respectfully submit that all grounds of rejection with regard to claims 1-14 have been overcome, and are allowable at least for the reasons indicated above. A Notice of Allowance is respectfully requested.

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If any issues remain which may best be resolved through a telephone communication, the Examiner is requested to kindly contact the undersigned at the telephone number listed below. If there are any fees due and owing, please charge Deposit Account No. 502-470.

Respectfully submitted,

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By: _____

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the COMMISSIONER FOR PATENTS, Mail stop Non-Fee Amendment, Box 1450, Alexandria, Virginia 22313-1450 on February 19, 2004.

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(Name of Registered Representative)

(Signature and Date)